

# Army Combat Helmet



The Army Combat Helmet (ACH) offers enhancements in ballistic protection, vision, hearing, stability, compatibility, weight, and comfort. The helmet was originally type classified as an integration platform for Land Warrior.

The ACH is modular in design and comes in three shell sizes and two pad thicknesses. A fourth shell size (small) will be introduced by 3QFY06. The suspension system is an assembly of modular pads that offers improved stability on the wearer's head as well as physical comfort. The helmet will accommodate the 5th to 95th percentile, male and female. The edge of the ACH shell is finished with a rubber trim. The chinstrap, a four point design, is composed of three basic elements: a "Y"-shaped right-side element, a "V"-shaped left-side element, and a foam nape pad piece joining the two side elements. This allows for quick adjustment for head size, and includes a neck cushion for improved comfort and stability.

Information on use, care, and maintenance on the ACH can be found in TM 10-8470-204-10.

*"I'm still amazed at all the changes that have been made—body armor, kneepads, helmet chin straps, even these boots. Because a Soldier said, 'This would be better,' and somebody listened. Now the Army is actually listening."*

*—SSG Timothy Howell on new CIE equipment (body armor, knee pads, helmets, boots)*

## System Description

**Component Materials:** Helmet Shell: Aramid fabric. Chinstrap and Retention System: cotton/polyester webbing and foam nape pad. Mounting Hardware: combination of metal and composite materials.

**Color:** Helmet Shell: currently Camouflage Green 383, being upgraded to Foliage Green 504. Chinstrap/Buckles: currently black, and to a combined Green 483/Tan 499 being upgraded to new camouflage Foliage Green 504; Camouflage Cover: Universal Camouflage Pattern.

**Weight:** Medium: 1.4 kg (3 pounds); Large: 1.45 kg (3.25 pounds); X-Large: 1.68 kg (3.70 pounds)

**Size:** Currently available in three shell sizes (medium, large and X-large). Size small shell will be introduced by 3QFY06.

**Status:** ACH is being distributed as part of the Army Chief of Staff's Rapid Fielding Initiative (RFI).



## MSA TC2000

Chinstrap Assembly, (Tan/Green) (NSN XXXX-XX-XXX-XXXX, p/n TBD)

Chinstrap (tan/green) (NSN 8470-01-476-2505, p/n TBD)  
Ladder-lock (tan) (NSN 8470-01-506-6503, p/n TBD)  
P-clamp (tan) (NSN 8470-01-506-6625, p/n TBD)  
Screw (black) (NSN 8470-01-506-6503, p/n TBD)  
Nut (black) (NSN 8470-01-506-6488, p/n TBD)  
Hook Disks (black) (NSN 8470-01-506-6742, p/n TBD)



## SDS Warrior

Chinstrap Assembly, (Tan/Green) (NSN TBD, p/n 2427)

Chinstrap (green) (NSN n/a, p/n 2418)  
Attachment Tab (tan/green) (NSN n/a, p/n 2426)  
Screw (black) (NSN n/a, p/n 2423)  
Post (black) (NSN n/a, p/n 2424)  
Hook Disks (Velcro) (NSN TBD, p/n 2428)



## Gentex TBH-II

Retention Assembly (complete), (Tan/Green) (NSN n/a, p/n 00D11896-1 (s/m))  
(NSN n/a, p/n 00D11896-2 (x/l))

Retention Assy (chinstrap/tan/green) (NSN n/a, p/n 00D11896-1 (s/m))  
(NSN n/a, p/n 00D11896-2 (x/l))  
Shoulder Screw (black) (NSN n/a, p/n 04B11815-2)  
Nut (black) (NSN n/a, p/n 04B11815-1)



### Pad Suspension System

Pad set, size 6 (black/green) (NSN 8470-01-476-6643, p/n TBD)  
Pad set, size 8 (black/green) (NSN 8470-01-476-6648, p/n TBD)  
Pad, oblongoval, size 5 (black/green) (NSN 8470-01-506-6454, p/n TBD)  
Pad, oblongoval, size 8 (black/green) (NSN 8470-01-506-6456, p/n TBD)  
Pad, circular crown, size 6 (black/green) (NSN 8470-01-506-6626, p/n TBD)  
Pad, circular crown, size 8 (black/green) (NSN 8470-01-506-6627, p/n TBD)  
Pad, trapezoidal, size 6 (black/green) (NSN 8470-01-506-6851, p/n TBD)  
Pad, trapezoidal, size 8 (black/green) (NSN 8470-01-506-6855, p/n TBD)

### Eyewear Retention Strap

Foliage Green, no size (NSN 8415-01-521-8802)  
Camouflage Green, no size (NSN 8415-01-487-1605)  
Tan, no size (NSN 8415-01-521-8801)



## NIB/NISH Items



### Covers

Reversible w/comm flap, size s/m (NSN 8415-01-515-4662)  
Reversible w/comm flap, size l/xl (NSN 8415-01-515-4663)  
Reversible w/o comm flap, size s/m (NSN 8470-01-515-4671)  
Reversible w/o comm flap, size l/xl (NSN 8470-01-515-4674)

Universal w/comm flap, size s/m (NSN 8415-01-521-8806)  
Universal w/comm flap, size l/xl (NSN 8415-01-521-8808)  
Universal w/o comm flap, size s/m (NSN 8470-01-521-8357)  
Universal w/o comm flap, size l/xl (NSN 8470-01-521-8360)

NSN also exist for white (snow camo) covers

